

Technical Data Sheet

ME315

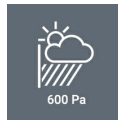
Total Protection Tape

Airtight & Watertight High Performance Tape for Membranes

09-09-2026 / V 1

Description

ME315 is a special tape with solvent free modified acrylic dispersion adhesive.



Features and Benefits

- Fully compatible with all illbruck building protection products.
- Interior and exterior use.
- Quick and easy application.
- Highly UV resistant.
- Can be used within partially open façades.
- Weather resistant.
- Highly moisture resistant adhesive.
- Excellent adhesive bond strength to most common substrates.

Usage Purpose

Single-sided adhesive tape for interior and exterior use, providing a high performing air and weather tight seal. Suitable for a wide variety of applications including sealing of sheathing boards, slab edge details and the durable bonding of illbruck vapour barrier and breather membranes. A permanent bond is achieved on all illbruck indoor and outdoor building protection membranes.

Packaging

Available in the below sizes (roll width (mm) x roll length (m))

60 mm x 25 m, 12 Rolls/Box

100 mm x 25 m, 6 Rolls/Box

150 mm x 25 m, 4 Rolls/box

Available Colour

Black

Shelf Life

24 months when stored as recommended in original unopened packaging

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Technical Characteristics

Thickness		0.3 mm (without liner)
Fire Classification	EN 13501-1	Class E
Water Tightness	EN 1027	600 Pa
Water Vapour Transmission	EN 1931	Sd = 20 m
Air Permeability	EN 12114	< 0.1 m ³ /(hm[daPa] ^{2/3})
Peel Strength	13859-2 Annex C	Without ageing: Fmax 31.5 N/25 mm, Fmean 27.3 N/25 mm With ageing: Fmax 57.1 N/25 mm, Fmean 26.6 N/25 mm
UV Resistance		Can be left fully exposed for 12 months
Adhesive Strength Of Self-Adhesive	DIN 1939	25 N/25 mm
Application Temperature		-10°C to +40°C depending on ambient temperature, the use of appropriate illbruck primer is recommended. Store all primers prior to use at minimum 10°C.
Tensile Strength	EN 12311-2	Lengthwise: Force 80.95 N, elongation 425%; Crosswise: Force 65.95 N, elongation 720%
Service Temperature		-40°C to +100°C
Compatibility With Traditional Building Materials	DIN 52452	Pass
Storage		Store in it original packaging in cool, dry conditions not exposed to direct weathering and UV-radiation.

Application

Surfaces must be dry and free of oil, grease, dust and any other contaminates that may effect the adhesive bond. Bonding to frozen surfaces is not possible. The substrate must offer sufficient load-bearing capacity.

On porous or damp substrates or at low temperatures, the use of illbruck Primer (ME901, ME902, ME904 or AT140) is recommended. AT140 is the recommended option for bonding ME315 over joints which have been sealed with silicone based sealants.

Detach the release paper and place the tape centrally over the joint (e.g. edge of overlapping membrane, or across a panel joint) so that the minimum coverage onto each substrate is 20 mm. Gradually peel off the release paper and adhere the tape whilst keeping it tension-free and wrinkle-free to the substrate. To consolidate the bond, apply firm pressure manually. Use of a seam roller will further improve the adhesion in most applications.

Do not use the tape below a 10° roof pitch.

Guarantee / Warranty

Tremco CPG UK Ltd products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Ltd written instructions and (b) in any application recommended by Tremco CPG UK Ltd, but which is proved to be defective, will be replaced free of charge.

Tremco CPG UK Ltd shall not be held liable for any direct, indirect, incidental, special, or consequential damages arising out of or in connection with the use of the guidance/recommendations provided.

Tremco CPG UK Ltd reserves the right to modify or discontinue any recommendations at any time without prior notice.

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Health And Safety Precautions

Safety data sheet must be read and understood before use.

Technical Service

Tremco CPG UK Limited has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

Certification



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